

ABSTRACT

A communication system comprised of an upstream receiver system and a downstream transmission system in communication with a user. The downstream transmission system is configured to transmit downstream wireless communications to the user over a plurality of downstream channels. The upstream receiver system is configured to receive upstream wireless communications from the user over a plurality of upstream channels. The plurality of upstream channels includes more than one contention channel and a plurality of bearer channels. The upstream receiver system is configured to receive requests from the user, over the multiple contention channels, for access to the plurality of bearer channels for the upstream wireless communications.